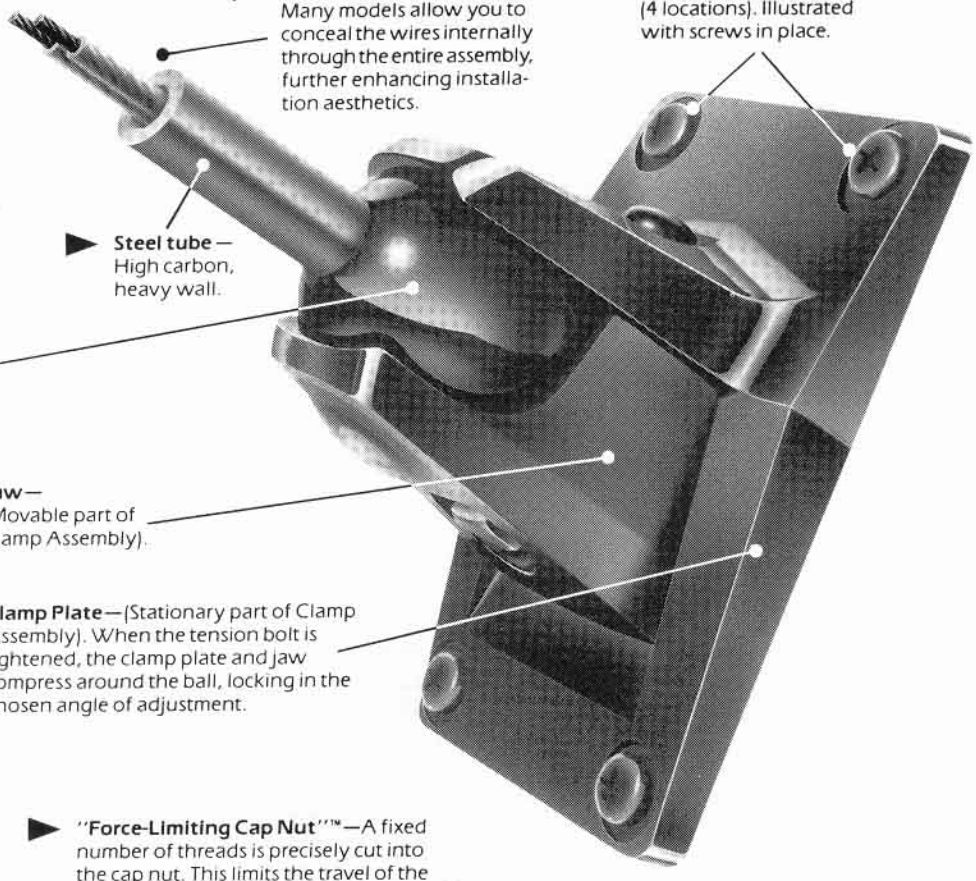
What it's made of and How it works . . .



Invisible Wiring Feature—Many models allow you to conceal the wires internally through the entire assembly, further enhancing installation aesthetics.

Screw Mounting Holes—(4 locations). Illustrated with screws in place.

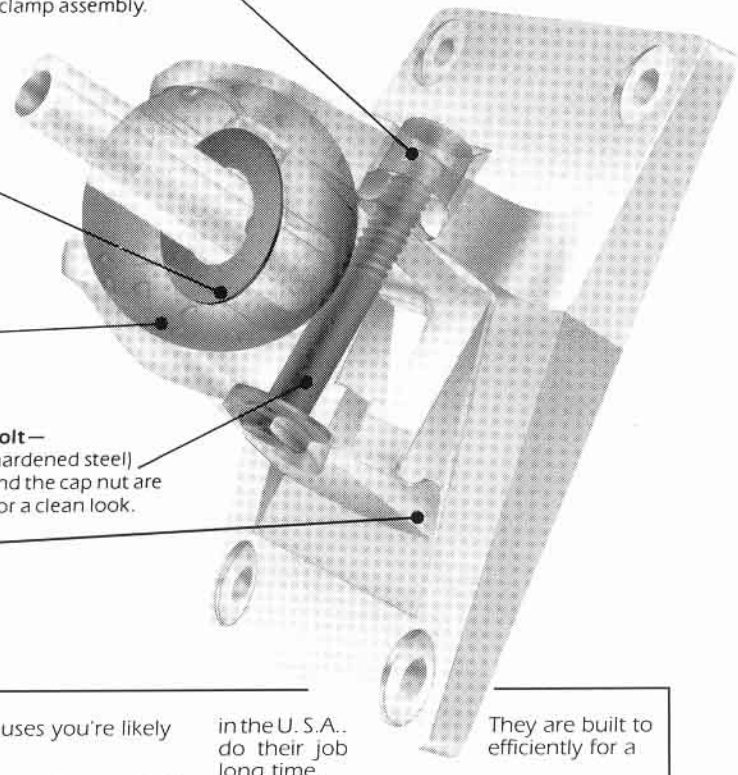
Steel tube—High carbon, heavy wall.

Polymer Ball—This is the "heart" of the OmniMount System. A lot of R&D has gone into this proprietary compound. Extremely high tensile strength and unique compression-set are among its secrets.

Jaw—(Movable part of Clamp Assembly).

Clamp Assembly—(Made of die cast aluminum aircraft alloy)—is comprised of the clamp plate and jaw.

Clamp Plate—(Stationary part of Clamp Assembly). When the tension bolt is tightened, the clamp plate and jaw compress around the ball, locking in the chosen angle of adjustment.



"Force-Limiting Cap Nut"™—A fixed number of threads is precisely cut into the cap nut. This limits the travel of the tension bolt and helps prevent over-tightening of the clamp assembly.

Steel "Capture Ring,"™—The ring is electro-welded to the tube at an eccentric angle. The ring and tube-end is then immersed in a thermally reactive chemical adhesive.

When molded, the ball is mechanically captured by the welded ring and bonded by the adhesive. This "triple positive lock" (thermal, chemical and mechanical) ensures that the ball cannot separate from the tube.

Spherical cavities—Designed into the clamp assembly, the cavities have internal "teeth" that bite into ball during the tightening process. This helps hold the object at the chosen angle of adjustment.

Tension Bolt—(Grade 8 hardened steel) this bolt and the cap nut are recessed for a clean look.

The Fulcrum—A precise range of movement is designed into this pivot point: It allows the jaw to be opened just wide enough to remove—and later replace the ball during installation. It also distributes the substantial compressive forces generated when the mounted object is locked into position.

For Your Information...

OmniMount Systems have been specified and installed both safely and productively for many years. With the extraordinarily varied applications and installation advantages of OmniMount products, it is important to become fully aware of the guidelines and specifications we have set forth here. The more familiar you become with OmniMount assemblies, the more time-saving uses you're likely to find for them.

The patented OmniMount Systems ball and clamp assembly works with a variety of ball shaft lengths and bend configurations, wall brackets, mounting plates, plumbing pipe, all-thread rod adapters and accessories—all in very many sizes and load handling capabilities.

OmniMount products are carefully engineered and quality manufactured in the U. S. A.. They are built to do their job efficiently for a long time.

OmniMount assemblies are of industrial quality, but they're not industrial looking. Functional design makes for special good looks, creating a clean uncluttered installation. Specifying OmniMount products eliminates the need for welding or custom fabricating expensive brackets. And you'll no longer have to settle for unsightly and time-consuming "nuts & bolts" alternatives.